

ABSTRACT

A paper size recognizing device includes paper-aligning guides linear-reciprocally mounted to closely align the paper loaded in the cassette in one direction, a signal-generating unit interlocked with the paper-aligning guides, for generating plural signal codes selectively combined in predetermined patterns, switching unit mounted in the main body to be selectively operated in response to the signal codes generated by the signal-generated unit upon loading the cassette; and controller for outputting as an electrical signal paper size information on the paper loaded in a cassette through signal information inputted by operations of the switching unit, whereby the paper size information on the paper held in the container can be automatically recognized and provided in real-time upon loading the paper cassette.